SEQUENCE LISTING

<110> Nakamura, Yusuke
Furukawa, Yoichi
Oncotherapy Science, Inc.
The University of Tokyo

<120> METHOD OF DIAGNOSING COLON AND GASTRIC CANCERS

<130> 082368-003000US

<150> PCT/JP2003/010436
<151> 2003-08-19

<150> US 60/407,338
<151> 2002-08-30

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Leu Ser Gln Asp Glu Val Glu Cys Ser Ala Asp His Ile Ala Arg Pro
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Ile Leu Ile Leu Lys Glu Thr Arg Arg Leu Pro Trp Ala Thr Gly Tyr
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Ala Glu Val Ile Asn Ala Gly Lys Ser Thr His Asn Glu Asp Gln Ala
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Ser Cys Glu Val Leu Thr Val Lys Lys Lys Ala Gly Ala Val Thr Ser
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Thr Pro Asn Arg Asn Ser Ser Lys Arg Arg Ser Ser Leu Pro Asn Gly
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Glu Gly Leu Gln Leu Lys Glu Asn Ser Glu Ser Glu Gly Val Ser Cys
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Pro Pro Thr Arg Phe Phe Thr Glu Lys Lys Ile Pro His Glu Cys Leu
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Val Ile Gly Ala Leu Glu Ser Ala Phe Lys Glu Met Asp Leu Gln Ile
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Phe Asn Met Thr Gly Trp Ala Tyr Lys Thr Ile Glu Asp Glu Asp Leu
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Lys Phe Pro Leu Ile Tyr Gly Glu Gly Lys Lys Ala Arg Val Met Ala
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Thr Ile Gly Val Thr Arg Gly Leu Gly Asp His Asp Leu Lys Val His
385                 390                 395                 400
Asp Ser Asn Ile Tyr Ile Lys Pro Phe Leu Ser Ser Ala Pro Glu Val
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Arg Ile Tyr Asp Leu Ser Lys Tyr Asp His Gly Ser Asp Asp Val Leu
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Ile Leu Ala Thr Asp Gly Leu Trp Asp Val Leu Ser Asn Glu Glu Val
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Ala Glu Ala Ile Thr Gln Phe Leu Pro Asn Cys Asp Pro Asp Asp Pro
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His Arg Tyr Thr Leu Ala Ala Gln Asp Leu Val Met Arg Ala Arg Gly
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Val Leu Lys Asp Arg Gly Trp Arg Ile Ser Asn Asp Arg Leu Gly Ser

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<212> DNA
<213> Homo sapiens

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Val Gly Val Asn Arg His Phe His Met Ile Cys Ile Arg Asp Lys Phe
    50                  55                  60
Ser Gln Asn Ile Gly Arg Gln Val Pro Ser Lys Val Ile Trp Asp His
65                  70                  75                  80
Leu Ser Thr Met Tyr Asp Met Gln Ala Leu His Glu Ser Glu Ile Leu
                85                  90                  95
Pro Phe Pro Asn Pro Glu Arg Asn Phe Val Leu Pro Glu Glu Ile Ile
            100                 105                 110
Gln Glu Val Arg Glu Gly Lys Val Met Ile Glu Glu Glu Met Lys Glu

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Glu Met Lys Glu Asp Val Asp Pro His Asn Gly Ala Asp Asp Val Phe
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Ser Ser Ser Gly Ser Leu Gly Lys Ala Ser Glu Lys Ser Ser Lys Asp
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Lys Glu Lys Asn Ser Ser Asp Leu Gly Cys Lys Glu Gly Ala Asp Lys
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<400> 6

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Phe Ile Lys Ala Ile Ala Gln Phe Met Ala Thr Lys Ala His Ile Lys
65                  70                  75                  80
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225                 230                 235                 240
Phe Met Asp Glu Tyr Glu Lys Thr Glu Glu Glu Leu Gln Lys Gln Tyr
                245                 250                 255
Asp Thr Tyr Leu Glu Lys Phe Gln Asn Leu Thr Tyr Leu Glu Gln Gln
            260                 265                 270
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    290                 295                 300
Leu Leu Lys Ser Gly Ser Asn Asp Asp Ser Asp Ile Asp Ile Gln Glu
305                 310                 315                 320
Asp Asp Glu Ser Asp Ser Glu Leu Glu Glu Arg Arg Leu Pro Lys Pro
                325                 330                 335
Gln Thr Ala Met Glu Met Leu Met Gln Gly Arg Pro Gly Lys Arg Ile
            340                 345                 350
Val Gly Thr Met Gln Gly Gly Asp Ser Asp Asp Asn Glu Asp Ser Glu
        355                 360                 365
Glu Ser Glu Ile Asp Met Glu Asp Asp Asp Asp Glu Asp Asp Asp Leu
    370                 375                 380
Glu Asp Glu Ser Ile Ser Leu Ser Pro Thr Lys Pro Asn Arg Arg Val
385                 390                 395                 400
Arg Lys Ser Glu Pro Leu Asp Glu Ser Asp Asn Asp Phe
                405                 410
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<210> 7
<211> 733
<212> DNA
<213> Homo sapiens

<400> 7
gtgaaactca cccagcttta gtaaccaact cgattgcata gactttagat aaccatgtga 60
aggggattct accatcagaa aagaggccaa acttctatca tcatggtgga tgtgaagtgt 120
ctgagtgact gtaaattgca gaaccaactt gagaagcttg gattttcacc tggcccaata 180
ctactggcct gaggcttcca ccactaaacg caaagctgta gatacctatt gcttggatta 240
taagccttcc aagggaagaa ggtgggctgc aagagcacca agcaccagaa tcacatatgg 300
gactatcacc aaagagagag actactgcgc ggaagaccag actatcgaga gctggagaga 360
agaaggtttc ccagtgggct tgaagcttgc tgtgcttggt attttcatca ttgtggtgtt 420
tgtctacctg actgtggaaa ataagtcgct gtttggttaa gtaatttagg agcaaagcaa 480
tgctccaagc gaggcctcct gcttcaggaa agaaccaaaa cactaccctg aagggccagc 540
ctagcctgca gccctccctt gcagggagcc ttcccttgca ctgtgctgct ctcacagatc 600
ggtgtctggg ctcagccagg tggaaggaac ctgcctaacc aggcacctgt gttaagagca 660
tgatggttag gaaatccccc aagtcatgtc aactctcatt aaaggtgctt ccatatttga 720
gcaggcgtca aac 733

<210> 8
<211> 29
<212> PRT
<213> Homo sapiens

<400> 8
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Met Val Asp Val Lys Cys Leu Ser Asp Cys Lys Leu Gln Asn Gln Leu
 1               5                  10                  15
Glu Lys Leu Gly Phe Ser Pro Gly Pro Ile Leu Leu Ala
            20                  25
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<210> 9
<211> 656
<212> DNA
<213> Homo sapiens

<400> 9
gtgaaactca cccagcttta gtaaccaact cgattgcata gactttagat aaccatgtga 60
aggggattct accatcagaa aagaggccaa acttctatca tcatggtgga tgtgaagtgt 120
ctgagtgact gtaaattgca gaaccaactt gagaagcttg gattttcacc tggcccaata 180
ctacgtgggc tgcaagagca ccaagcacca gaatcacata tgggactatc accaaagaga 240
gagactactg cgcggaagac cagactatcg agagctggag agaagaaggt ttcccagtgg 300

gcttgaagct tgctgtgctt ggtattttca tcattgtggt gtttgtctac ctgactgtgg 360
aaaataagtc gctgtttggt taagtaattt aggagcaaag caatgctcca agcgaggcct 420
cctgcttcag gaaagaacca aaacactacc ctgaagggcc agcctagcct gcagccctcc 480
cttgcaggga gccttccctt gcactgtgct gctctcacag atcggtgtct gggctcagcc 540
aggtggaagg aacctgccta accaggcacc tgtgttaaga gcatgatggt taggaaatcc 600
cccaagtcat gtcaactctc attaaaggtg cttccatatt tgagcaggcg tcaaac 656

<210> 10
<211> 67
<212> PRT
<213> Homo sapiens

<400> 10
Met Val Asp Val Lys Cys Leu Ser Asp Cys Lys Leu Gln Asn Gln Leu
 1               5                  10                  15
Glu Lys Leu Gly Phe Ser Pro Gly Pro Ile Leu Arg Gly Leu Gln Glu
            20                  25                  30
His Gln Ala Pro Glu Ser His Met Gly Leu Ser Pro Lys Arg Glu Thr
        35                  40                  45
Thr Ala Arg Lys Thr Arg Leu Ser Arg Ala Gly Glu Lys Lys Val Ser
    50                  55                  60
Gln Trp Ala
65


<210> 11
<211> 3707
<212> DNA
<213> Homo sapiens

<400> 11
cgcgggcggg ggcttctggg agttgtagtc tgttgggggc gtgcgcagtc gggatggaag 60
cttcctggcg ccaggtggcc ggtggccgag gccgatcccg gggacgggcc actgccgccc 120
cctcaggaaa tggagtccat ctccgcggcg ccggaggagg gcgagagaag gggtcggtgg 180
gcgcagttcc ttctggcacc agtcccggag gagtcgcgac cacggcggct gcagggagca 240
ggcacagccc cgcaggatcc caagccctgc agactaccgc agccagcgag ctaatgtctc 300
agaaaaaatt tgaagaaatc aagaaagcta accaagctgc agccagaaaa cttgttgaag 360
aacagtttag ctcttcatct gaagaaggag atgaagattt tgaaggaaaa cagggaaaaa 420
tacttgcaaa tacgtttata acatacacta ctcagacaga tggagataca cgtgaattag 480
agcgaacaaa acaatatgta aatgaagctt ttcaagcagg ggctatgaca tgcctaattt 540
gtattgcttc ggtgaagaga aaccaagcag tttggagctg ttcgggatgt ttctgtatat 600
ttcacatgcc ctgtatccag aagtgggcta aagacagcca gtttcttgta tcttctgtga 660
ctgatgatga ttttggaaag aaagattgtc cctggccttg tccaaaatgt aggtttgaat 720
acaaacgatc tgaaacacct agtaggtact attgctattg tggaaaagta gaagatccac 780
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gtgaaaatcc ttgtcatgca ggaagctgtc agccttgtcc aagagttagt agacaaaagt 1080
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gtgcttgtgg agaatgtcct cgatctggga aaaggttctg tccatgtcag aaatcaaagt 1260
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gtagaaacca taagtgtcca tctgtctgtc acagaggcag ttgctatccc tgcccagaaa 1620
ctgtagatgt gaagtgtaat tgtggcaata caaaggtgac agtgccctgt ggccgagaac 1680
gtaccacaag accacccaag tgcaaggagc aatgcagtcg accaccaact tgtcatcata 1740
caagtcaaga aaaacatcgc tgtcactttg gttcttgtcc accatgtcat caaccttgcc 1800

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aaaaagtttt ggagaaatgt ggtcacttgt gtcctgctcc gtgtcatgat caagcgttaa 1860
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ttattcagac tgcattaccg tgtcctccat gtcaagttcc tattcctatg gaatgtcttg 1980
ggaaacatga ggtgagtcca ctaccatgcc atgctgtagg accctactct tgtaaaagag 2040
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aagggtgctc caagtcacgg ccactaggtt gtcttcaccc atgtattttg cgatgtcacc 2220
ctggagaatg tccaccttgt gttcagatgc ttagaataaa atgtcactgt aagatcacaa 2280
gcctgtatgt ggaatgtaga aaaataacca cagctgatgt aaatgaaaag aacctcctca 2340
gttgttgcaa aaatcagtgc cctaaagagc ttccttgtgg tcatagatgc aaagagatgt 2400
gtcatcctgg tgaatgtccc tttaactgca accagaaggt aaaacttaga tgtccttgta 2460
aaagaataaa aaaggaattg cagtgcaaca aagtacgtga aaatcaggtt tcaatagaat 2520
gtgacacaac gtgcaaggaa atgaagcgga aagcatctga gataaaagaa gcagaagcca 2580
aagctgctct tgaagaagaa aaacgaagac aacaggctga actagaagct tttgaaaaca 2640
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aaatagagaa atatcagtaa gtcaaatctg tttgaattat aattcctttc aaatagtttt 3660
gctatttaat ttatatgatt aatgttttca ttaaaatttt tgatacc                3707
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<210> 12
<211> 911
<212> PRT
<213> Homo sapiens

<400> 12

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Met Glu Ala Ser Trp Arg Gln Val Ala Gly Gly Arg Gly Arg Ser Arg
 1               5                  10                  15
Gly Arg Ala Thr Ala Ala Pro Ser Gly Asn Gly Val His Leu Arg Gly
            20                  25                  30
Ala Gly Gly Gly Arg Glu Lys Gly Ser Val Gly Ala Val Pro Ser Gly
        35                  40                  45
Thr Ser Pro Gly Gly Val Ala Thr Thr Ala Ala Ala Gly Ser Arg His
    50                  55                  60
Ser Pro Ala Gly Ser Gln Ala Leu Gln Thr Thr Ala Ala Ser Glu Leu
65                  70                  75                  80
Met Ser Gln Lys Lys Phe Glu Glu Ile Lys Lys Ala Asn Gln Ala Ala
                85                  90                  95
Ala Arg Lys Leu Val Glu Glu Gln Phe Ser Ser Ser Ser Glu Glu Gly
            100                 105                 110
Asp Glu Asp Phe Glu Gly Lys Gln Gly Lys Ile Leu Ala Asn Thr Phe
        115                 120                 125
Ile Thr Tyr Thr Thr Gln Thr Asp Gly Asp Thr Arg Glu Leu Glu Arg
    130                 135                 140
Thr Lys Gln Tyr Val Asn Glu Ala Phe Gln Ala Gly Ala Met Thr Cys
145                 150                 155                 160
Leu Ile Cys Ile Ala Ser Val Lys Arg Asn Gln Ala Val Trp Ser Cys
                165                 170                 175
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Ser Gly Cys Phe Cys Ile Phe His Met Pro Cys Ile Gln Lys Trp Ala
            180                 185                 190
Lys Asp Ser Gln Phe Leu Val Ser Ser Val Thr Asp Asp Asp Phe Gly
        195                 200                 205
Lys Lys Asp Cys Pro Trp Pro Cys Pro Lys Cys Arg Phe Glu Tyr Lys
    210                 215                 220
Arg Ser Glu Thr Pro Ser Arg Tyr Tyr Cys Tyr Cys Gly Lys Val Glu
225                 230                 235                 240
Asp Pro Pro Leu Asp Pro Trp Leu Val Pro His Ser Cys Gly Gln Val
                245                 250                 255
Cys Glu Arg Glu Phe Lys Pro Pro Cys Gly His Lys Cys Leu Leu Leu
            260                 265                 270
Cys His Pro Gly Pro Cys Pro Pro Cys Pro Lys Met Val Thr Thr Thr
        275                 280                 285
Cys Tyr Cys Lys Lys Ala Lys Pro Ile Pro Arg Arg Cys Ser Ala Lys
    290                 295                 300
Glu Trp Ser Cys Gln Leu Pro Cys Gly Gln Lys Leu Leu Cys Gly Gln
305                 310                 315                 320
His Lys Cys Glu Asn Pro Cys His Ala Gly Ser Cys Gln Pro Cys Pro
                325                 330                 335
Arg Val Ser Arg Gln Lys Cys Val Cys Gly Lys Lys Val Ala Glu Arg
            340                 345                 350
Ser Cys Ala Ser Pro Leu Trp His Cys Asp Gln Val Cys Gly Lys Thr
        355                 360                 365
Leu Pro Cys Gly Asn His Thr Cys Glu Gln Val Cys His Val Gly Ala
    370                 375                 380
Cys Gly Glu Cys Pro Arg Ser Gly Lys Arg Phe Cys Pro Cys Gln Lys
385                 390                 395                 400
Ser Lys Phe Ser Leu Pro Cys Thr Glu Asp Val Pro Thr Cys Gly Asp
                405                 410                 415
Ser Cys Asp Lys Val Leu Glu Cys Gly Ile His Arg Cys Ser Gln Arg
            420                 425                 430
Cys His Arg Gly Pro Cys Glu Thr Cys Arg Gln Glu Val Glu Lys His
        435                 440                 445
Cys Arg Cys Gly Lys His Thr Lys Arg Met Pro Cys His Lys Pro Tyr
    450                 455                 460
Leu Cys Glu Thr Lys Cys Val Lys Met Arg Asp Cys Gln Lys His Gln
465                 470                 475                 480
Cys Arg Arg Lys Cys Cys Pro Gly Asn Cys Pro Pro Cys Asp Gln Asn
                485                 490                 495
Cys Gly Arg Thr Leu Gly Cys Arg Asn His Lys Cys Pro Ser Val Cys
            500                 505                 510
His Arg Gly Ser Cys Tyr Pro Cys Pro Glu Thr Val Asp Val Lys Cys
        515                 520                 525
Asn Cys Gly Asn Thr Lys Val Thr Val Pro Cys Gly Arg Glu Arg Thr
    530                 535                 540
Thr Arg Pro Pro Lys Cys Lys Glu Gln Cys Ser Arg Pro Pro Thr Cys
545                 550                 555                 560
His His Thr Ser Gln Glu Lys His Arg Cys His Phe Gly Ser Cys Pro
                565                 570                 575
Pro Cys His Gln Pro Cys Gln Lys Val Leu Glu Lys Cys Gly His Leu
            580                 585                 590
Cys Pro Ala Pro Cys His Asp Gln Ala Leu Ile Lys Gln Thr Gly Arg
        595                 600                 605
His Gln Pro Thr Gly Pro Trp Glu Gln Pro Ser Glu Pro Ala Phe Ile
    610                 615                 620
Gln Thr Ala Leu Pro Cys Pro Pro Cys Gln Val Pro Ile Pro Met Glu
625                 630                 635                 640
Cys Leu Gly Lys His Glu Val Ser Pro Leu Pro Cys His Ala Val Gly
                645                 650                 655
Pro Tyr Ser Cys Lys Arg Val Cys Gly Arg Ile Leu Asp Cys Gln Asn
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            660                 665                 670
His Thr Cys Met Lys Glu Cys His Lys Val Thr Lys Thr Asp Gly Cys
        675                 680                 685
Thr Gly Lys Asn Lys Ala Gly Pro Glu Cys Leu His Cys Glu Glu Gly
    690                 695                 700
Cys Ser Lys Ser Arg Pro Leu Gly Cys Leu His Pro Cys Ile Leu Arg
705                 710                 715                 720
Cys His Pro Gly Glu Cys Pro Pro Cys Val Gln Met Leu Arg Ile Lys
                725                 730                 735
Cys His Cys Lys Ile Thr Ser Leu Tyr Val Glu Cys Arg Lys Ile Thr
            740                 745                 750
Thr Ala Asp Val Asn Glu Lys Asn Leu Leu Ser Cys Cys Lys Asn Gln
        755                 760                 765
Cys Pro Lys Glu Leu Pro Cys Gly His Arg Cys Lys Glu Met Cys His
    770                 775                 780
Pro Gly Glu Cys Pro Phe Asn Cys Asn Gln Lys Val Lys Leu Arg Cys
785                 790                 795                 800
Pro Cys Lys Arg Ile Lys Lys Glu Leu Gln Cys Asn Lys Val Arg Glu
                805                 810                 815
Asn Gln Val Ser Ile Glu Cys Asp Thr Thr Cys Lys Glu Met Lys Arg
            820                 825                 830
Lys Ala Ser Glu Ile Lys Glu Ala Glu Ala Lys Ala Ala Leu Glu Glu
        835                 840                 845
Glu Lys Arg Arg Gln Gln Ala Glu Leu Glu Ala Phe Glu Asn Arg Leu
    850                 855                 860
Lys Gly Arg Arg Lys Lys Asn Arg Lys Arg Asp Glu Val Ala Val Glu
865                 870                 875                 880
Leu Ser Leu Trp Gln Lys His Lys His Tyr Leu Ile Ser Val Cys Gly
                885                 890                 895
Val Val Val Val Val Phe Ala Trp Tyr Ile Thr His Asp Val Asn
            900                 905                 910
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<210> 13
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificially synthesized primer for RT-PCT

<400> 13
acaacagcct caagatcatc ag 22

<210> 14
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificially synthesized primer for RT-PCT

<400> 14
ggtccaccac tgacacgttg 20

<210> 15
<211> 24
<212> DNA

<213> Artificial Sequence

<220>
<223> Artificially synthesized primer for RT-PCT

<400> 15
tttcttccta actgtgatcc agat 24

<210> 16
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
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<400> 16
acaacacttg gtagcagcct t 21

<210> 17
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificially synthesized primer for RT-PCT

<400> 17
ctctaacaga cctcttaaat tgtg 24

<210> 18
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificially synthesized primer for RT-PCT

<400> 18
catagaccca taagccctgt tg 22

<210> 19
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
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<400> 19
gtgtgcctct tccacgccat 20

<210> 20
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
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<400> 20
cctggtcttt caggtccatc a 21

<210> 21
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
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<400> 21
tgtggtgttt gtctacctga ctg 23

<210> 22
<211> 23
<212> DNA
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<220>
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<400> 22
accatcatgc tcttaacaca ggt 23

<210> 23
<211> 21
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<220>
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<400> 23
gagtggaagt aacgatgact c 21

<210> 24
<211> 21
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<220>
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<400> 24
gtcattgtca ctctcatcca g 21

<210> 25
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
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<400> 25
gaagatcttc ttgccagtg 19

<210> 26
<211> 17
<212> DNA
<213> Artificial Sequence

<220>

<223> Artificially synthesized primer for RT-PCT

<400> 26
gcagcaggct cagctgc 17

<210> 27
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
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<400> 27
cttgttgatg tgggtcacac g 21

<210> 28
<211> 20
<212> DNA
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<220>
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<400> 28
tgtggagctt agggaggcag 20

<210> 29
<211> 20
<212> DNA
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<220>
<223> Artificially synthesized primer for RT-PCT

<400> 29
ctatggctac ttacggagcg 20

<210> 30
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
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<400> 30
tccttggcag caccattcac 20

<210> 31
<211> 29
<212> DNA
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<220>
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<400> 31
ggcgaattcg taatatgctc actcgagtg 29

<210> 32

<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificially synthesized primer for RT-PCT

<400> 32
ccaggatcct gacagcttgt ttcca 25

<210> 33
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
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<400> 33
tctccggccg ctttcatgac agcttg 26

<210> 34
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
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<400> 34
tgcgaattcg ggatggaagc ttcct 25

<210> 35
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificially synthesized primer for RT-PCT

<400> 35
gataattctt tttttaattg acatc 25

<210> 36
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificially synthesized primer for RT-PCT

<400> 36
cttgtaccat tgacatcatg ggtgat 26

<210> 37
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificially synthesized primer for RT-PCT

<400> 37
tgtgaattcg ccatgggaga ggc 23

<210> 38
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificially synthesized primer for RT-PCT

<400> 38
taactcgagc gtgcggcgcc gctt 24

<210> 39
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
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<400> 39
taaggatccc gtgcggcgcc gctt 24

<210> 40
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
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<400> 40
tctgaattca gaaaagaggc caaacttcta tc 32

<210> 41
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
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<400> 41
tccgatatca ggtagacaaa caccacaatg atg 33

<210> 42
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificially synthesized primer for RT-PCT

<400> 42
gaggaattcc gaccctgggc tcctggggac 30

<210> 43
<211> 32

<212> DNA
<213> Artificial Sequence

<220>
<223> Artificially synthesized primer for RT-PCT

<400> 43
aagctcgaga agtcattgtc actctcatcc ag 32

<210> 44
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificially synthesized primer for RT-PCT

<400> 44
acggaattcc tctccagaat gaagatcttc 30

<210> 45
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificially synthesized primer for RT-PCT

<400> 45
tctctcgagt caggggccaa accgcagc 28

<210> 46
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificially synthesized primer for RT-PCT

<400> 46
cggctcgagc gcatggctta gggacgctc 29

<210> 47
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificially synthesized primer for RT-PCT

<400> 47
tggggatccg ctctatgtct ggtagaagtg 30

<210> 48
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificially synthesized primer for RT-PCT

<400> 48
ctgaattcgg agcgatgaag atggtcgc 28

<210> 49
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificially synthesized primer for RT-PCT

<400> 49
aagctcgagg cagacacgta aggtggcg 28

<210> 50
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificially synthesized S-oligonucleotide

<400> 50
gtgagcatat tactcc 16

<210> 51
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificially synthesized S-oligonucleotide

<400> 51
cctcattata cgagtg 16

<210> 52
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificially synthesized S-oligonucleotide

<400> 52
ggccagggac aatctttc 18

<210> 53
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Artificially synthesized S-oligonucleotide

<400> 53
ctttctaaca gggaccgg 18

<210> 54
<211> 18
<212> DNA

<213> Artificial Sequence

<220>
<223> Artificially synthesized S-oligonucleotide

<400> 54
gcccacctcg gcctctcc 18

<210> 55
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<210> 84
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<210> 89
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<210> 90
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<210> 91
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<210> 92
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<210> 94
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<210> 95
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<210> 105
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for Si-RNA

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<210> 106
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for Si-RNA

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for Si-RNA

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<210> 108
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for Si-RNA

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<210> 109
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for Si-RNA

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<210> 110
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<210> 111
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<210> 112
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<210> 113
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<210> 114
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<210> 115
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<210> 117
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<210> 118
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ggagatgaag attttgaagt 20

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